AP-RG-RAP2200 Ceiling Access Point

AP-RG-RAP2200 Ceiling Access Point

Variants

RG-RAP2200(F) RG-RAP2200(E)

Details

Dual Band Wi-Fi 5 Ceiling Access Point

The **Dual Band Wi-Fi 5 Ceiling Access Point** is a high-performance indoor wireless access point designed to deliver stable, high-speed wireless connectivity for offices, hotels, schools, hospitals, restaurants, and commercial environments. Its compact ceiling or wall-mount design provides professional wireless coverage while maintaining a clean installation.

Supporting **dual-band Wi-Fi 5 (802.11ac)** with **2 × 2 MIMO** on both 2.4GHz and 5GHz bands, the access point delivers wireless speeds up to **1266 Mbps**. Built-in omnidirectional antennas, PoE/PoE+ support, and enterprise-grade multi-user performance make it ideal for reliable indoor Wi-Fi deployments.

Quick Specifications

Wi-Fi Standard
Wi-Fi 5

Maximum Speed
1266 Mbps

Wireless Design
Dual Band 2×2 MIMO

Maximum Clients
110 Users

Key Features

- Dual-band Wi-Fi 5 (802.11ac)
- 2 × 2 MIMO on both 2.4GHz and 5GHz
- Maximum wireless speed up to 1266 Mbps
- Dual-radio architecture with 4 spatial streams
- Built-in omnidirectional antennas
- Supports up to 110 wireless users
- Ceiling and wall mounting installation
- Powered by DC adapter, PoE or PoE+
- Compact and lightweight design
- Ideal for enterprise indoor wireless deployments

Wireless Specifications

Category	Specification
Wi-Fi Standard	Wi-Fi 5 (IEEE 802.11ac)
Radio Design	Dual Radio
Spatial Streams	4 Spatial Streams
2.4GHz Radio	2 × 2 MIMO
5GHz Radio	2 × 2 MIMO
Maximum Wireless Speed	1266 Mbps
5GHz Speed	866 Mbps
2.4GHz Speed	400 Mbps
6GHz Support	No

Antenna Specifications

Band	Antenna Type
2.4GHz	2 Built-in Omnidirectional Antennas
5GHz	2 Built-in Omnidirectional Antennas

Port & Power Specifications

Parameter	Specification
LAN Ports	2 × 10/100BASE-T Ethernet Ports

Parameter	Specification
Power Supply	DC Adapter / PoE / PoE+
DC Input	12V / 1.5A
DC Connector	5.5 × 2.1 mm
Maximum Power Consumption	12.95W

Physical & Performance Specifications

Parameter	Specification
Dimensions	194 × 194 × 35 mm
Weight	? 0.45 kg
Color	White
Mounting Options	Ceiling / Wall Mount
IP Rating	Indoor Use (No IP Rating)
Maximum Wireless Clients	110 Users
2.4GHz Clients	64 Users
5GHz Clients	110 Users
Managed Devices	Up to 150 Devices
IPv6 Support	No

Applications

Hotels & Resorts

Provides reliable wireless coverage for guest rooms, lobbies, and conference areas.

Schools & Hospitals

Delivers stable Wi-Fi for classrooms, laboratories, clinics, and wards.

Corporate Offices

Supports high-density wireless access for employees and business operations.

Restaurants & Commercial Buildings

Ideal for cafés, retail stores, restaurants, and indoor commercial Wi-Fi deployments.

Installation Recommendation

For optimum wireless coverage, install the access point on the ceiling at the center of the coverage area. Use **PoE or PoE+** where available to simplify installation and reduce cabling requirements. Avoid placing the unit near large metal objects or electrical interference sources to maximize wireless performance and roaming efficiency.

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